

**K.S.R COLLEGE OF ENGINEERING, TIRUCHENGODE**  
**(Autonomous)**

Approved by AICTE, New Delhi & Affiliated to Anna University,  
Chennai.

ORGANIZED BY

DEPARTMENT OF CIVIL ENGINEERING

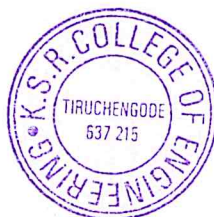
NATIONAL CONFERENCE


Academic Year: 2020– 2021

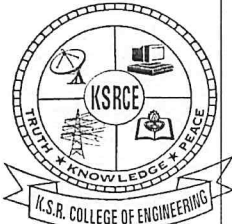
TITLE

Seventh Virtual National Conference on “Trendy and  
Sustainable Development in Civil Engineering”

DATE: 06.08.2020



  
PRINCIPAL,  
K.S.R. COLLEGE OF ENGINEERING  
K.S.R. KALVI NAGAR,  
TIRUCHENGODE-637 215

	<p align="center"><b>K.S.R. COLLEGE OF ENGINEERING: TIRUCHENGODE – 637 215</b> (Autonomous)</p>
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### Event Schedule

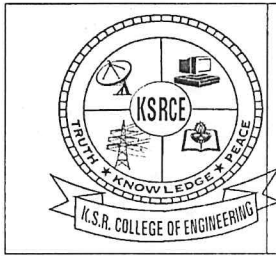
1	<b>Name of the Event</b> (Seminar/Workshop/Conference/FDP/Any other)	National Conference
2	<b>Name of the Department</b>	Civil Engineering
3	<b>Date of the Event</b>	06.08.2020
4	<b>Venue</b>	Google Meet
5	<b>Title of the Event</b>	Seventh Virtual National Conference on “Trendy and Sustainable Development in Civil Engineering”
6	<b>Name of the Co-ordinators</b>	Dr.V.Revathi Prof and Head Dr. S. Senthilkumar, Prof Dr.P.Sudha, Prof Dr.N. Muralimohan, Assoc. Prof
7	<b>Total Participants</b>	57
8	<b>Objectives of the Event</b>	The conference offers opportunities to research scholars, postgraduate students and industrialists to discuss new ideas, different ways to conduct research, and a wide range of themes connected to the sustainable development of civil engineering.

*Revathi*  
CO-ORDINATOR

*Revathi*  
HOD/CIVIL  
**Dr. V. REVATHI, M.Tech Ph.D.,**  
Professor and Head  
Department of Civil Engineering  
K.S.R. College of Engineering  
Tiruchengode - 637 215.

*[Signature]*  
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**Seventh Virtual National Conference on “Trendy and Sustainable  
Development in Civil Engineering”**

**Date: 06.08.2020**

**EVENT REPORT**

Department of civil Engineering, K.S.R. College of Engineering, Tiruchengode, Organized Seventh Virtual National Conference on “Trendy and Sustainable Development in Civil Engineering” was conducted on 06.08.2020 through online mode.

The purpose of the NCTSDCE-2020 was to bring together students, researchers, academics, scientists, practising engineers, and industry experts to discuss new ideas, different ways to conduct research, and a wide range of themes connected to the sustainable development of civil engineering.

The event started with devotional invocation song. In the welcome address, Dr.V.Revathi, The Convener – NCTSDCE-20, welcomed the gathering. The program was presided by Dr. Lion K.S.Rangasamy, Founder and Chairman, and Mr. R.Srinivasan, Vice- Chairman, K.S.R. Educational Institutions. Dr.P.Senthilkumar, Principal-KSRCE offered Principal address.

Dr.K.Nirmalkumar, Professor, Department of Civil Engineering, Kongu Engineering College, Perundurai inaugurates the ceremony and delivered inaugural address. The National Conference received 57 research papers. Out of which 36 papers were selected and three parallel sessions was arranged for the virtual presentation. Dr.P.Sudha, Conference organizing secretary delivered the vote of thanks.

  
**CO-ORDINATOR**

  
**Dr. V. REVATHI, M.Tech., Ph.D.,**  
**HOD/CIVIL**  
**Professor and Head**  
**Department of Civil Engineering**  
**K.S.R. College of Engineering**  
**Tiruchengode - 637 215.**

  
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# Seventh Virtual National Conference on "Trendy and Sustainable Development in Civil Engineering"

Date: 06.08.2020

2:50

← About this call

People

Information

ADD OTHERS

Share joining information

IN CALL

Dineshkumar selvaraj (You)

011 R. kavin

017 Thatchanamurthy L V

020 S.R.Srivigneshwar Cl...

047 NITESH KUMAR S

21CE001 ABDHUL VAJITH....

21CE004 ASWINTH. A

21CE007 PRASATH

21CE009 Logajeeth.P

21CE010 Meiyarasan

21CE011 MONISH S

2:50

← About this call

People

Information

511 Pradeepkumar V

518 NARAYANAN M

518 Sasikumar

519 sureshkumar.p

529 SELVAKUMAR V

534 VELMURUGAN. M

536 VIGNESH R

Civil 003 Gowtham muru...

CIVIL 007 MANICKAVEL T

CIVIL 015 SETHURAMAN M

Dinesh Bala

Dinesh Palaniappan

L10 santhoshkumar .M

Naveen Velusamy

1:48

← About this call

People

Information

IN CALL

Dineshkumar selvaraj (You)

003 Gowtham Murugan

004 karan RE LoveR

005 Kavin Raj. T

006 Madhankumar. P

007 MANICKAVEL T

008 MONISH.K

009 Nallenthiran R

014 Sathishkumar. M

015 SETHURAMAN M

018 Venu Aravind S

501 Naveen V

503 Rahul N.R

1:49

← About this call

People

Information

Dineshkumar selvaraj (You)

005 DineshKumar.R

006 DINESHKUMAR S CIVIL

007 Gokul S

008 Guru Moorthi

009 Jayasurya

010 kanishk N.R

011 R. kavin

012Kavin Raj

013 KISHOTH M CIVIL

015 MUKENTH V

016 MUKESH KUMAR N

017Pravin Kumar

019 SANTHOSH V

502 Bharathraj.R

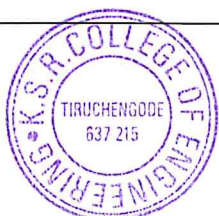
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**Seventh Virtual National Conference on**  
**'Trendy and Sustainable Development in Civil Engineering'**

**REGISTRATION**

**12th August, 2020**

S.No	Author	College Name	Title of the paper
1.	P.Tamilchelvan , Dr.N.Muralimohan	Muthayammal College of Engineering,	Ground Water Quality Assessment In And Around Salem District Of Tamilnadu, India
2	S. Jeevan pravinth M. Subashrie S. Vishanth V. Mohankumar Mr.R.Babu.M.E..	K.S.R College of Engineering	Strength Assessment and Restoration of RC Structures By Non-Destructive Test Techniques
3	T. Vijayashankar R. Velmani K.M. Sathyaselan , S. Surya C. Sindhuja	K.S.R College of Engineering	Labour Productivity Analysis Report
4	K. Pavithra Dr. V. Revathi	K.S.R College of Engineering	Experimental And Analytical Study on Stud Type Shear Connector In Composite Section
5.	K. Nithya Prasanth Dr. V. Revathi	K.S.R College of Engineering	Analytical and Experimental Investigation on Cold Forming Steel Beam With Trapezoidally Corrugated Sheet As Web
6.	M.Vignesh , P.Karthick	K.S.R College of Engineering	Challenges Faced In The Construction Industry In Urban Area
7.	S.Janani , P.Karthick	K.S.R College of Engineering	Mechanical Properties Of Self Compacting Concrete By Utilization Of Hybrid Fibers
8.	V. Aravinth , Dr.S.Senthilkumar	K.S.R College of Engineering	A Profound Study On Factors Affecting Cost Estimation In Construction Project
9.	D SAUMIYA , Dr P SUDHA 2Dr N MURALIMOHAN	K.S.R College of Engineering	Strength And Durability Of Hfrc As A Partial Replacement Of Coarse Aggregate By Coconut Shell
10	Mr.S.Muralitharan, Mrs.V.C.Prabha	K.S.R College of Engineering	Restrain Of Surplus Resources Through Stabilizing The Bias Of Risk In Hills Construction
11	Mr. B.Suresh, A.Mohankumar , R.Giris , S.Ashok , P.Ajith	K.S.R College of Engineering	Stabilization Of Red Soil Using Blast Furnace Slag
12	M.Sankaran Dr.M.Gunasekaran	K.S.R College of Engineering	Experimental Behaviour Of Steel Fiber Reinforced Concrete With Partial Replacement Of Fly Ash & Metakolin



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13	K. Vijayakumar , R. Sridhar R , K. Arun kumar G. Tamilarasi	K.S.R College of Engineering	Simulation of Rain Water Harvesting Systems in K.S.R. Educational Institutions
14	K.Preetha Dr.P.Sudha, Dr.N.Muralimohan	K.S.R College of Engineering	Experimental Investigation on HFRC With Construction Debries As a Partial Replacement Material For Fine Aggregate
15.	U.R. Shugunan, S. Subbash, M. Ajith, R. Ranjithkumar, V.C. Prabha, V.Revathi	K.S.R College of Engineering	Experimental Study on Mechanical Properties of Ambient Cured High Calcium Flyash With Metakaolin Blend
16.	P.Priyanka,	Annamalai University	Assessment of Impact of Urbanization on Water Bodies in Cuddalore District Using Remote Sensing and GIS
17.	T.Naveenkumar , S.Dineshkumar	K.S.R College of Engineering	Experimental Study on Ceramic tiles Waste In concrete Replacing of coarse Aggregate
18.	J.Grijasri , A.Thomas Eucharist	K.S.R College of Engineering	Experimental Studies on Effect Of Copper Slag And Fly Ash In High Performance Concrete
19.	S.Mohan, Dr.N.Muralimohan, Dr.K.Vidhya, Dr.C.T.Sivakumar,	Mahendra Engineering College,	A Case Study On Current Pollution Status In Thirumanimutharu Basin, Salem District Of Tamilnadu
20.	M.S.Sugirtha Mr.K.Sargunan	K.S.R College of Engineering	Behaviour of Rcc Beams Subjected To Different Loading Condition
21	M.Loganathan , Dr.M.Gunasekaran	K.S.R College of Engineering	Experimental Investigation On Torsional Behavior Of Beam-Column Joint Wrapped With Aramid Fiber
22	Dr. N. Muralimohan , S. Elango , P. Avinash , S.A. Iniyaa , V. Nivedhitha , R. Deepak chandhar	K.S.R College of Engineering	Analysis Of Groundwater Level Fluctuation Using Gis And Remote Sensing In Erode Disrtict
23.	S. Saravanaganesh , N. Mathubalan , R. Suresh krishnan , S. Suresh , N. Suryaprabha	K.S.R College of Engineering	Time And Cost Optimization Of Construction Project Using Mivan Technology
24	S.Deepak, K.Sargunan	K.S.R College of Engineering	Experimental Study On Durability Of Concrete Infused With Chicken Egg Shell Powder
25	S.Elango, S.Boobalakrishnan	K.S.R College of Engineering	A Study On Insurance In Construction Industry
26	Mrs.S.Shanmugapriya, Mr.K.Selvakumar	K.S.R College of Engineering	Study On Development Of Sustainable Construction In Our Country
27.	P.Saranya, V.C.Prabha	K.S.R College of Engineering	Experimental Investigation Of Copper Slag On Mechanical Properties Of Hybrid Fiber Reinforced Concrete
28	Mervin V	K.S.R College of Engineering	Cost Management In Construction Administration
29.	E. Rishikeshwar, D. Sripriya, S. Megavarnan, R. Adhishangar	K.S.R College of Engineering	Strategic Plans For Development Of Smart City



30.	Ms.U.Karunya, Dr.S.Senthilkumar	K.S.R College of Engineering	Green Building Conjectures And Awareness For Better Ambience
31.	C.Akil , D. Mujeebur Rahman , M. Mukesh kumar , A.Shyamsundar , S.Dineshkumar	K.S.R College of Engineering	Case Study On Traffic Congestion At Tiruchengode Town
32.	A.Saravanan D.Kanagaraj	K.S.R College of Engineering	Experimental Study On Plastic Waste As A Coarse Aggregate For Structural Concrete
33.	S.Velmurugan I. Poovarasan S.Madhan M.Sasikumar D.Kanagaraj	K.S.R College of Engineering	Assessment of Water Quality In Kaveri River (Kaveripatti – Uratchikottai arrage)
34.	P.Yokeshwaran T.Vijayashankar	K.S.R College of Engineering	Experimental Investigation On Seismic Strengthening Of Masonry Wall Using Eco- Friendly Ductile Cementitious Composite
35.	Venkateshwaran.S Alex Rajesh.A	K.S.R College of Engineering	Experimental Study On Strength Properties Of Fibre Reinforced Concrete (Polypropylene)
36.	S. Sankar Ganesh Dr.N. MuraliMohan	K.S.R College of Engineering	Analysis Of Manpower Resource In Construction To Improve Efficiency

  
CO-ORDINATOR



  
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Accredited by NAAC with A Grade and Eligible courses accredited by NBA  
K.S.R Kalvi Nagar, Tiruchengode-637 215, Namakkal Dt. Tamilnadu

## DEPARTMENT OF CIVIL ENGINEERING



SEVENTH VIRTUAL NATIONAL CONFERENCE ON  
"TRENDY AND SUSTAINABLE DEVELOPMENT IN CIVIL ENGINEERING"

NCTSDCE' 20

### CERTIFICATE



This is to certify that **Mr.S.Elango K.S.R College of Engineering** has participated/ presented a paper titled **A Study on Insurance in Construction Industry** in the Seventh National Conference on **"TRENDY AND SUSTAINABLE DEVELOPMENT IN CIVIL ENGINEERING" (NCTSDCE'20)** Organized by the Department of Civil Engineering, K.S.R.College of Engineering, Tiruchengode, on 06th August 2020.

**Dr. V. Revathi**  
CONVENER & HOD/CIVIL

**Dr. P. Senthilkumar**  
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